

EDS

Engineering,
GM DAEWOO Auto & Technology
Standards

METHOD OF WEIGHT LOSS AND GRAPHITE CONTENT MEASUREMENT FOR SEAL FLEXIBLE JOINT

EDS-T-7161

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1. PURPOSE

This standard aims at helping test personnel perform the test in an appropriate method by describing the test of weight loss and graphite content for seal flexible joint which is the connecting part of exhaust manifold and front exhaust for pipes.

2. SCOPE

This standard specifies the testing method of weight loss and graphite content for seal flexible joint (hereinafter referred to as the "test piece") used by **GMDAT**.

3. DEVICE

3.1. Regulate the temperature using an electric furnace(range: 500 to 1500°C, tolerance:±0.5°C) as shown in Fig. 1.

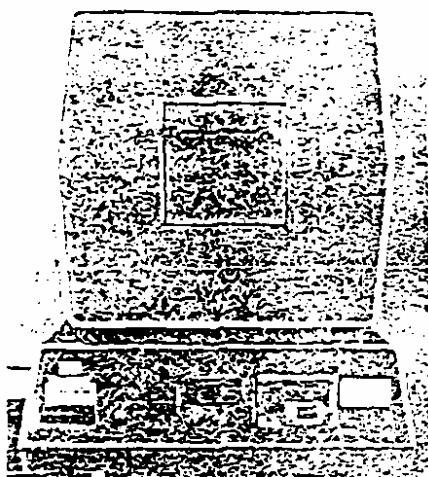


Fig. 1. Electric Furnace

3.2. Balance : Use a balance which is capable of measuring to 1/100g of the weight of the specimen.

3.3. Drier : Use a drier which is capable of maintaining the temperature of $105 \pm 5^{\circ}\text{C}$ in the device.

4. TEST PIECE

4.1. The product as it is and dried product shall be tested separately.

4.2. For the first approval at least 3 test piece, and for the routine quality control at least 1 test piece shall be used.

5. TESTING METHOD

5.1. Measuring method of weight loss